

Date Opened: 10 July 2013
Job #: 784
Project: Long Cargo Basket
Type: AS350/AS355
Approval: SH08-16
Drawing List: DCL784-3, Rev. 3

Fabrication and Assembly Drawing(s)	Description
78410, Rev. 1	Basket Ass'y
78411, Rev. 2	Basket Body Ass'y
78412, Rev. 1	Basket Lid Ass'y
84255, Rev. 0	Handle Installation
84261, Rev. 0	Handle Bar Ass'y
84262, Rev. 0	Handle Bracket Ass'y
70405, Rev. 1	Lid Step Modification

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	Y ✓
Document Control List revision level matches (or exceeds) STC:	Y ✓
Drawings revision levels match Document Control List:	Y ✓
Purchase order or Work order source is recorded for each part/ass'y:	Y ✓
Tests and inspections specifically called out on drawings are complete:	Y N/A
Release tags associated with all fabricated parts are attached:	Y ✓
All mounting hardware and supplies are included:	Y ✓

List all non-conformities raised: _____

Inspector Signature: JA Chik

Date: 05 AUG 2013

Drawing: **78410** Revision 1
 Assembly: **78410-01** Cargo Basket Ass'y (Quick-Release, Long, 93.25" long)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
2 Total	78410-01	Cargo Basket Assembly			
. 1	78411-01	Basket Body Assembly	Below		
. 1	78412-01	Basket Lid Assembly	Below		
. 1	84255-01	Handle Bar Installation	Below		
. 1	36280-01	Brace Assembly	9-2081 Brace	12059	
. 1	MS20001P4	Piano Hinge		12066	
. 1	78427-01	Placard	0.063 Sheet, 6061-T6 Aluminum	11102	
. 4	49205-14	Bumper	Argus Industries Bumper	11010	
. A/R	CR3213-5-02	Cherry Rivet		13026	
. 8	CR3523-5-02	Cherry Rivet		12087	
. 4	CR3213-4-02	Cherry Rivet		13006	
. 4	96710-01	Fitting	Alternate to Ancra 40088-14	WO2012-44	
. 8	NAS1149FO663P	Washer		13035	
. 1	AN3-15A	Bolt		18017	
. 1	AN3-17A	Bolt		13017	
. 3	NAS1149FO363P	Washer		12081	
. 2	AN970-3	Washer		12094	
. 2	MS21044N3	Nut		13048	

Processes	Per	Mat'ls Used	Inspection	Signature
Riveting	AC43.13-1B	CR Rivets		<i>JK.</i>
Final Inspection	Drawing 78410			<i>JK.</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **78411** **Revision 2**
 Assembly: **78411-01** **Basket Body Ass'y (Quick-Release, Long, 93.25" long)**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
2 Total	78411-01	Basket Body Assembly			
. A/R		Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	12123	
. A/R		Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	12123	
. 4	76421-01	Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	12123	
. 2	76423-07	Attachment Hoop			
. . 1	--	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	12123	
. . 1	--	Tube	4130 Steel, 1" x 0.065 Sqr. Tube	12045	
. . 2	76423-06	Lug	1018 Mild Steel, 5/8" Dia.	12056	
. 1	36262-01	Handle Bracket Assembly	Below		
. 1	49215-01	Spacer	1018 Steel, 1/2" Rod	12056	
. A/R	3/4-16F	Mesh	Expanded carbon steel	12065	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2	<i>P.D. 13055</i>	
Powder Coat	Drawing 78411			<i>gc.</i>
Final Inspection	Drawing 78411			<i>gc.</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **78412** Revision **1**
 Assembly: **78412-01** **Basket Lid Ass'y (Quick-Release, Long, 93.25" long)**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
2 Total	78412-01	Basket Lid Assembly			
. A/R		Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	12123	
. 1	49216-01	Spacer	1018 Steel, 1/2" Rod	12056	
. 1	36262-01	Upper Handle Bracket Assembly	Below		
. 1	36204-10	Placard Bracket	1018 Steel, 0.035" Sheet	9010	
. A/R	3/4-16F	Mesh	Expanded carbon steel	12065	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2	PO 13055	
Powder Coat	Drawing 78412			jc
Final Inspection	Drawing 78412			jc.

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **84255** **Revision 0**
Assembly: **84255-01** **Handle Installation**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
2 Total	84255-01	Handle Installation			
. 1	84261-01	Handle Bar Assembly	Below		
. 2	84267-01	Bracket	Delrin, 3/4"	WO2012-36	
. 2	36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	12033	
. 2	36275-01	Bushing	SAE 660 Bronze, 5/16" Dia	11030	
. 2	AN3-12A	Bolt		13017	
. 4	AN3-11A	Bolt		13017	
. 10	AN960-10	Washer		12132	
. 6	MS21044N3	Nut		12132	

Processes	Per	Mat'ls Used	Inspection	Signature
Final Inspection	Drawing 84255			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **84261** **Revision 0**
Assembly: **84261-01** **Handle Bar Assembly**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
2 Total	84261-01	Handle Bar Assembly			
. 1	36277-01	Handle Bar	316 Stainless, 1.0 x 0.065 Rnd. Tube	13028	
. 2	84265-01	Lever	304 Stainless, 0.105 Sheet	10036	
. 2	36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube	11057	
. 2	MS20615-4M3	Rivet		7039	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L	<i>PO 13055</i>	
Final Inspection	Drawing 84261			<i>JK</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **84262** **Revision 0**
Assembly: **84262-01** **Handle Bracket Assembly**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
2 Total	84261-01	Handle Bracket Assembly			
. 4	84272-01	Bushing	4130 Steel, 5/16" x 0.058 Sqr. tube	11049	
. 4	36273-01	Lid Bracket	321 Stainless, 0.050 Sheet	10037	
. 2	36275-02	Support	304 Stainless, 5/16" Rod	11093	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L	<i>PO 13055</i>	
Final Inspection	Drawing 84262			<i>JK.</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **70405** Revision 1
Assembly: **70405-01** Lid Step Modification

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
2 Total	70405-01	Lid Step Modification			
. 10	70405-03	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	12123	
. 1	70405-04	Tread Plate	3003 Aluminum Tread Plate, 0.063"	12118	
. A/R	CR3213-4-2	Cherry Rivet		12032 13006 J.C. 11002	

Note: Step is installed on all bays of lid.

Note: Remainder of assembly listed on drawing 78412

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2	PO 13055	
Final Inspection	Drawing 70405			J.C.

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.



WO# 20B-30

Approved Manufacturing Facility 73-04

Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: CARGO BASKET ASSEMBLY

Manufacturer: AERO DESIGN

Part No.: 78400-01 Serial / Batch No.: 78401-42

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2013-30

Remaining Tasks to be Performed: READY TO SHIP

Signature: Jiff Chik

Date: 08 AUG 2013 Lic. No. / ACA

Serviceable

Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: CARGO BAGLET ASSY

Manufacturuer: AERO DESIGN

Part No.: 78401-01 Serial / Batch No.: 78401-42

TTSN: N/A TSO: N/A Rem.: N/A


Work Order No.: 2013-30

Remaining Tasks to be Performed: READY TO SHIP

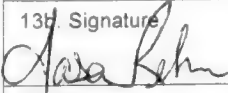
Signature: JH CCF

Date: 08 AUG 2013 Lic. No. / ACA _____

Serviceable

1. Approving Civil Aviation Authority/C Transport Canada		AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2010 1000 NE, Calgary, Alberta, T2E 6R7				5. Work Order/Contract/Invoice WO2013-30	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
	Long Cargo Bar	78410-01	1	78401-42	New
12. Remarks Modified with walkway on W DCL704					
13a. Certifies that the items identified conformity to:		14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12			
<input checked="" type="checkbox"/> Approved design data and a in con dition for safe operation <input type="checkbox"/> Non approved design data as specified in block 12.		Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature 		13c. Approved Organization Number 04		14b. Signature	
13d. Name Jason Rekve		13e. Date (dd/mm/yyyy) 26 Aug 2013		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
Installer Responsibilities This certificate does not constitute authority to install. Installers working in accordance with the regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the national regulations before the aircraft may be flown.					

TRK

1. Approving Civil Aviation Authority/Country Transport Canada		AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 ... nue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2013-30
6. Item	7. Description	8. Part Number	9 Qty.	10. Serial/Batch No.	11. Status/Work
	Long Cargo Basket	78410-01	1	78401-42	New
12. Remarks Modified with walkway on lid IAW DCL704					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
<input type="checkbox"/> Non approved design data specified in block 12.					
13b. Signature 		13c. Approved Organization Number AME 73-04		14b. Signature	
13d. Name Jason Rekve		13e. Date (dd/mmm/yyyy) 26 Aug 2013		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
Installer Responsibilities					
This certificate does not constitute authority to install.					
Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.					
Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

TRK

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	INCREASE LOAD TO 250 LBS / 113 KG	BJC	JAN 27/10

NOTES

- ENGRAVE 0.007 DEEP AS FOLLOWS:
 "QUICK RELEASE BASKET" - 0.125 HIGH
 "EUROCOPTER AS350 & AS355 SERIES" - 0.080 HIGH
 "S/N 78401-XX" - 0.080 HIGH
 "MAXIMUM PERMISSIBLE LOAD" - 0.125 HIGH
 "250 LBS/113 KG" - 0.200 HIGH
 "AERO DESIGN LTD." - 0.125 HIGH
 "CALGARY, ALBERTA, CANADA" - 0.080 HIGH
 "403-250-8027" - 0.080 HIGH

DRILL #30 (0.129)
4 PLACES



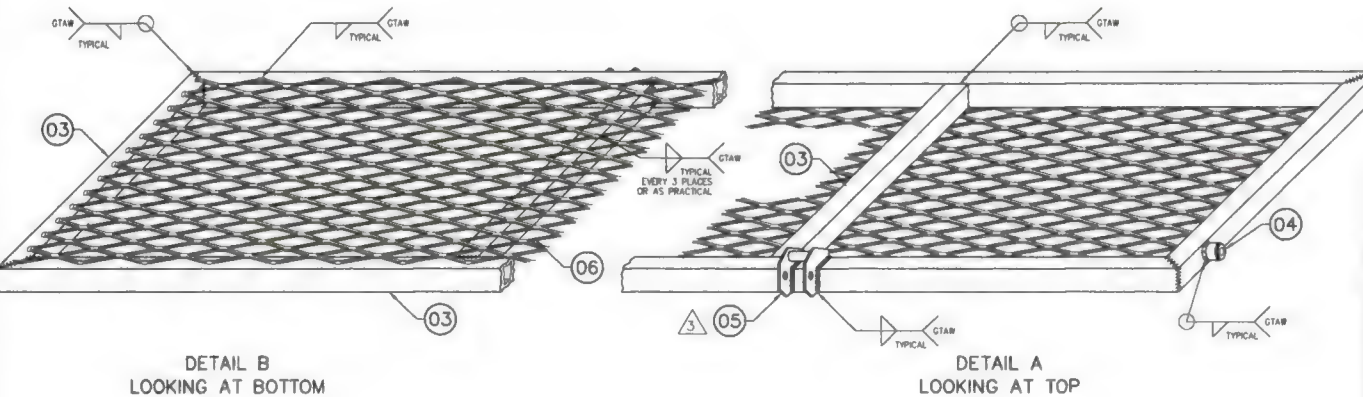
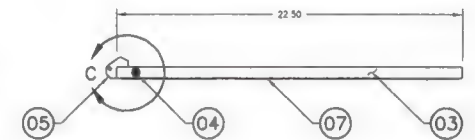
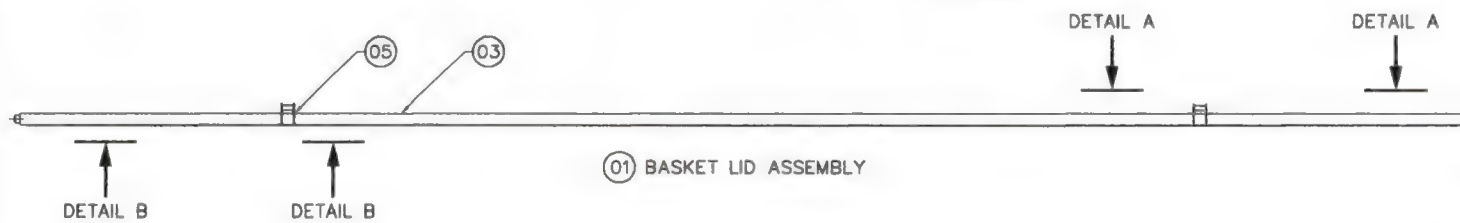
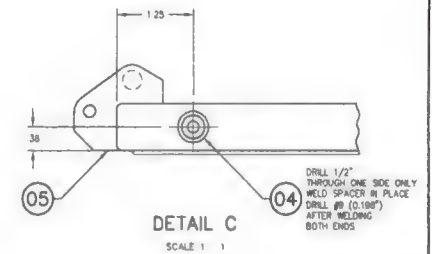
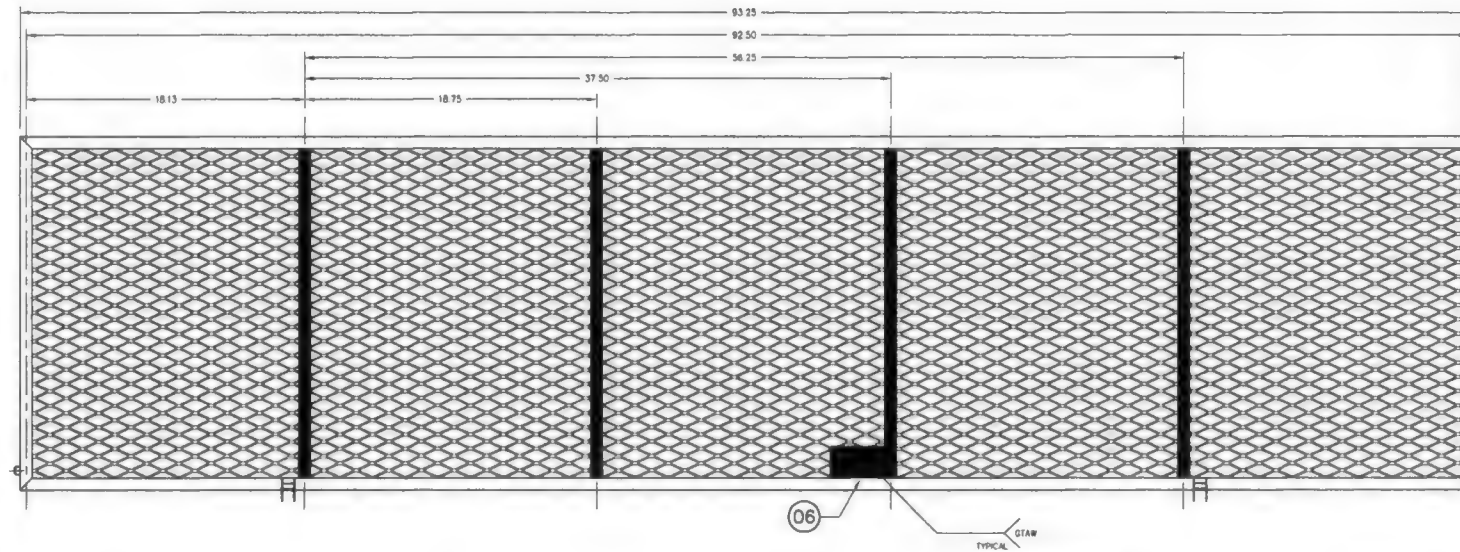
① PLACARD

78427-01	01	PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.063 SHEET
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE

LIST OF MATERIALS

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.	APPROVALS	DATE	AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 www.aerodesign.ca		
	DRAWN: R. RATHWELL	18 FEB 08			
	CHECKED: E. BURGAIN				
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1		EUROCOPTER AS350 & AS355 SERIES QUICK RELEASE CARGO BASKET PLACARD		
	SCALE 1 : 1 SHEET 1 OF 1		DWG. SIZE A1	DWG. NO. 78427	REV. 1

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING OR ANY PORTION THEREOF MAY NOT BE REPRODUCED, COPIED, OR PUBLISHED IN ANY MANNER NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REPRODUCTION, THE REPRODUCER AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED HEREIN.			
REV	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	CHANGED HANDLE BRACKETS, REMOVE ALTERNATE LID	BJC	28 JAN 10

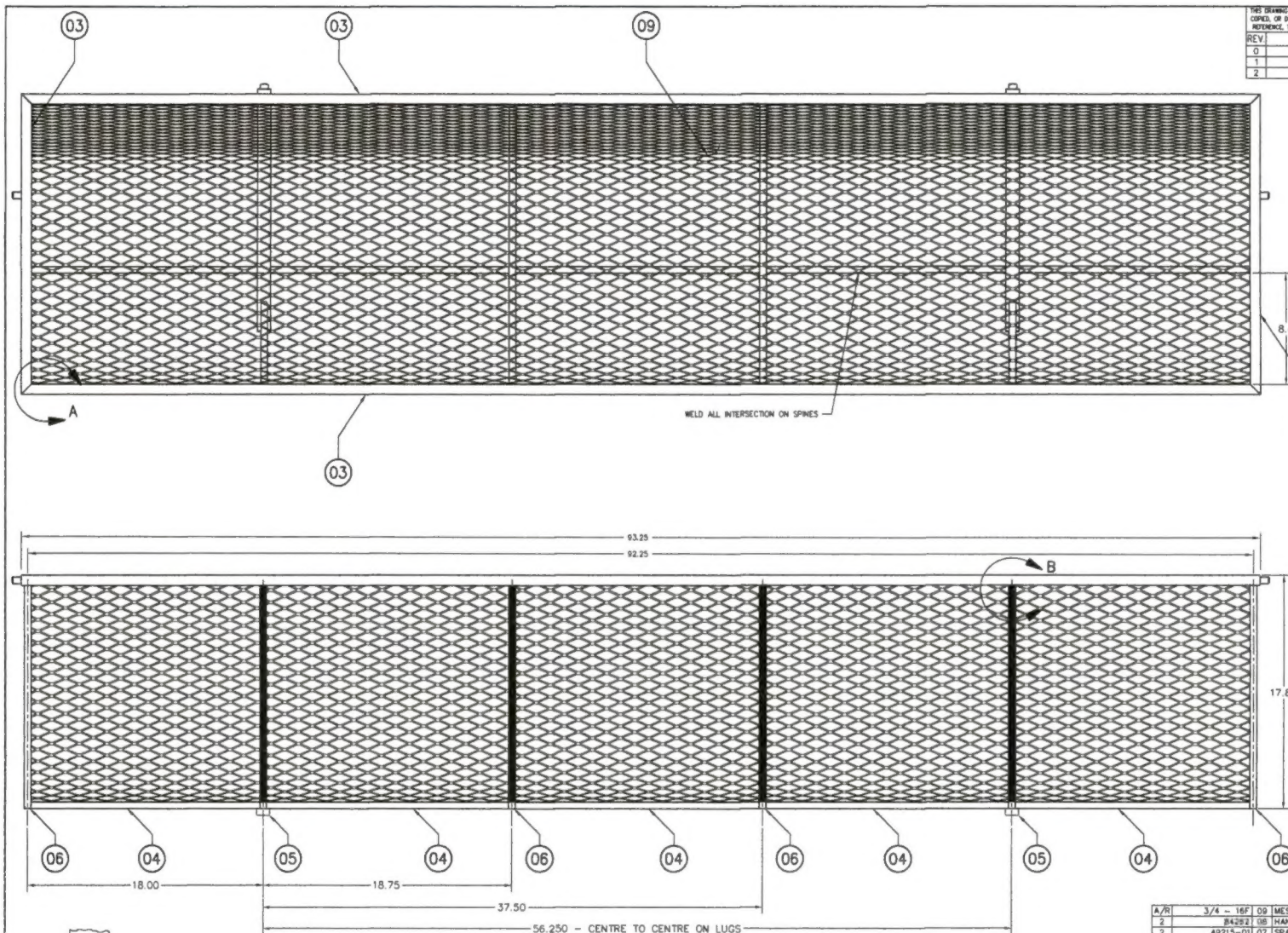


- NOTES
1. REMOVE ALL BURRS AND BREAK SHARP EDGES
 2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2885C
 3. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT
 4. INSTALL ITEM 5 (HANDLE BRACKET ASSEMBLY) IN ACCORDANCE WITH AERO DESIGN LTD. DRAWING 36262 TYP 2 PLACES
 5. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD
 6. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY

A/R	3/4-16F	MESH			
1	36204-10	08 PLACARD BRACKET			
1	84262-01	05 UPPER HANDLE BRACKET ASSY			
2	49216-01	04 SPACER			
A/R	03	SQUARE TUBE	4130 STEEL COND N	MIL-T-8736	3/4 X 0.035 SQR TUBE
	02				
	78412-01	01 BASKET LID ASSEMBLY			
01	PART NO	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC
DTY					STOCK SIZE
UST OF MATERIALS					

APPROVALS		DATE	AERO DESIGN LTD.	
DRAWN	R RATHWELL	19 FEB 08	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 280M	
CHECKED	E BURCOIN		2013 - 30TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 0R7	
			tel: (403) 880-8087 fax: (403) 850-8883 www.aerodesign.ca	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON			EUROCOPTER AS350 & AS355 SERIES QUICK RELEASE CARGO BASKET BASKET LID ASSEMBLY	
DECIMALS	ANGLES		SCALE 1:4	REV
X XXX ±0.010	±1/2°		A1	78412
X XX ±0.03				1
X X ±0.1				

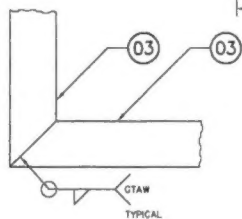
SHEET 1 OF 1	DWG SIZE	DWG NO	REV



01 BASKET BODY ASSEMBLY

NOTES:

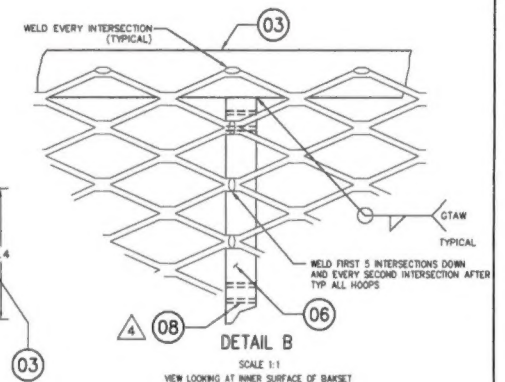
1. REMOVE ALL BURRS AND BREAK SHARP EDGES
2. PRIOR TO WELDING, DRILL 3/32 VENT HOLES IN ASSEMBLY FOR VENTING OF WELD GASES. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
3. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AWS 288SC.
4. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
5. INSTALL ITEM B (HANDLE BRACKET ASSEMBLY) IN ACCORDANCE WITH AERO DESIGN LTD. DRAWING 84262 TYP 2 PLACES.
6. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.



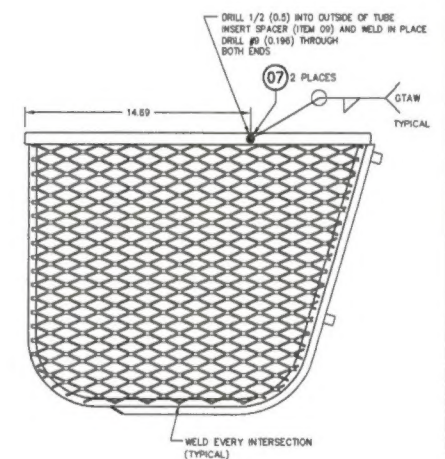
DETAIL A

SCALE 1:1

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE	RR	25 JAN 08
1	CHANGED ATTACH HOOP FROM 76423-01 TO 76423-07	RR	05 MAR 09
2	CHANGED HANDLE BRACKET, REMOVED ALTERNATE BASKET	BJC	28 JAN 10



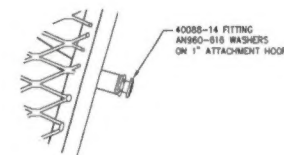
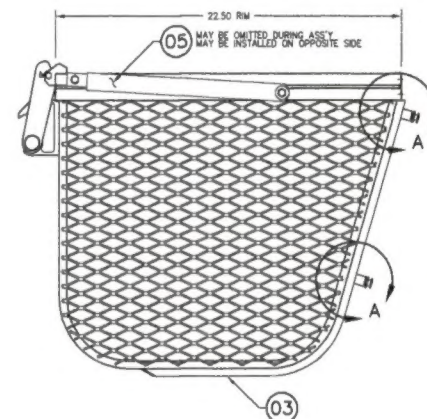
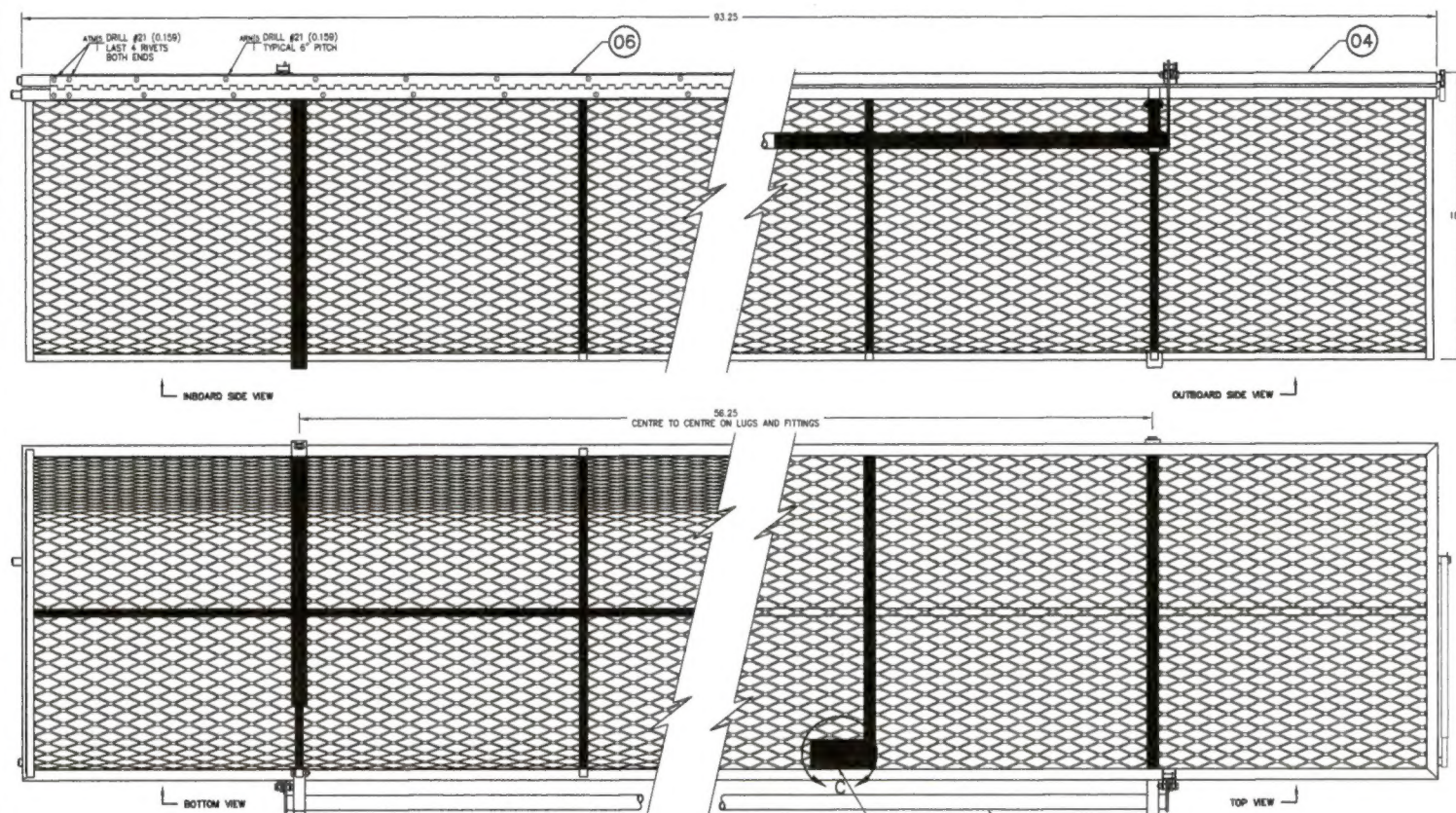
VIEW LOOKING AT INNER SURFACE OF BASKET



A/R	QTY	ITEM	DESCRIPTION	MATERIAL/NOTE	MATERIAL SPEC	STOCK SIZE
A/R	2	03	3/4 - 16F 08 MESH	STEEL	STEEL	
2	2	04	84262 08 HANDLE BRACKET ASSEMBLY			
2	2	05	49215-01 07 SPACER			
4	2	06	76421-01 08 HOOP			
2	2	07	76423-07 05 ATTACHMENT HOOP			
A/R	2	08	04 SQUARE TUBE	4130 STEEL COND. N	MIL.-T-6736	1/2 X 0.032 SQR TUBE
A/R	2	09	03 SQUARE TUBE	4130 STEEL COND. N	MIL.-T-6736	3/4 X 0.032 SQR TUBE
2	2	10	76411-01 01 BASKET BODY ASSEMBLY			
01			PART NO.			
QTY			ITEM			

LIST OF MATERIALS			
APPROVALS	DATE	AERO DESIGN LTD.	
DRAWN: R. RATHWELL	25 JAN 08	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 890M	
CHECKED: E. BURGOIN		2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2C 6R7	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.		tel: (403) 550-8877 fax: (403) 550-8883 www.aerodesign.ca	
TOLERANCES ON:		EUROCOPTER AS350 & AS355 SERIES	
DECIMALS		QUICK RELEASE CARGO BASKET	
X.XXX ±0.010		BASKET BODY ASSEMBLY	
X.XX ±0.03			
X.X ±0.1			
ANGLES			
±1/2°			
SCALE 1:4			
SHEET 1 OF 1			

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	CHANGED HANDLE CONFIGURATION, REMOVED ALTERNATE BASKET	BJC	27 JAN 10



DETAIL A
SCALE 1 : 2
TYPICAL FRONT AND REAR

NOTE:
1. ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. DIMENSIONS OF COMPONENTS AND COMPLETE ASSEMBLY ARE DETERMINED IN PREVIOUS STEPS.

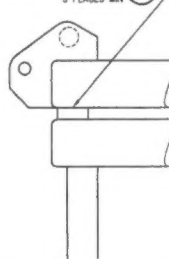
01 CARGO BASKET ASSEMBLY

A/R	AN950-618	WASHER				
4	40088-14	FITTING	ANCHOR			
8	CR3523-5-02	CHEERY RIVET				
A/R	CR3213-5-02	CHEERY RIVET				
4	CR3213-4-02	CHEERY RIVET				
3	48205-14 09	BUMPER	ARGUS INDUSTRIES			
1	78427-01 08	PLACARD				
1	84255-01 07	HANDLE BAR INSTALLATION				
A/R	MS20001P4 06	PIANO HINGE			B2 LONG	
1	36280-01 05	BRACE ASSEMBLY				
1	78412-01 04	LID ASSEMBLY				
1	78411-01 03	BASKET BODY ASSEMBLY				
		02				
	78410-01 01	CARGO BASKET ASSEMBLY				
D1	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY	LIST OF MATERIALS					

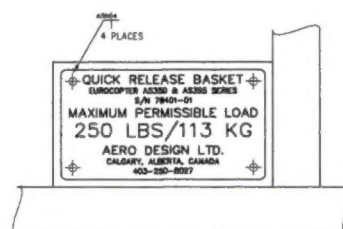
LIST OF MATERIALS

BASIC CODE REF HAS 523		DASH NO. FOR DIAMETER N=MFD. HEAD NEAR SIDE F=MFD. HEAD FAR SIDE	APPROVALS DRAWN: R. RATHWELL CHECKED: E. BURGOIN	DATE 19 FEB 08	AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 230M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 0R7 Tel: (403) 250-8007 Fax: (403) 250-8383 www.aerodesign.ca	
C=COUNTERSINK D=DIMPLE DIGIT# OF SHEETS TO BE DIMPLED	DASH NO. FOR LENGTH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS .XXX ±0.010 X.XX ±0.03 X.X ±0.1 ANGLES ±1/2°				
BASIC CODES: BJ = MS20470AD BB = MS20426AD ARN = CR3213 ATM = CR3523	<div><div>+</div><div>INSTALL NEW RIVET</div></div> <div><div>+</div><div>REMOVE/REPLACE RIVET</div></div> <div><div>-</div><div>EXISTING RIVET</div></div>	EUROCOPTER AS350 & AS355 SERIES QUICK RELEASE SKI BASKET BASKET ASSEMBLY				
SCALE 1 : 4		DWG SIZE	DWG NO.	REV.		
SHEET 1 OF 1		A1	78410	1		

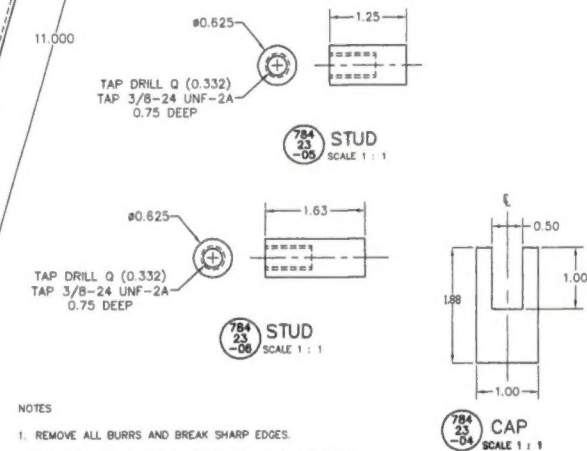
DRILL 0.25 INTO LID
ENSURE CLEARANCE FROM MESH
3 PLACES MIN



BUMPER INSTALLATION
SCALE 1 : 1



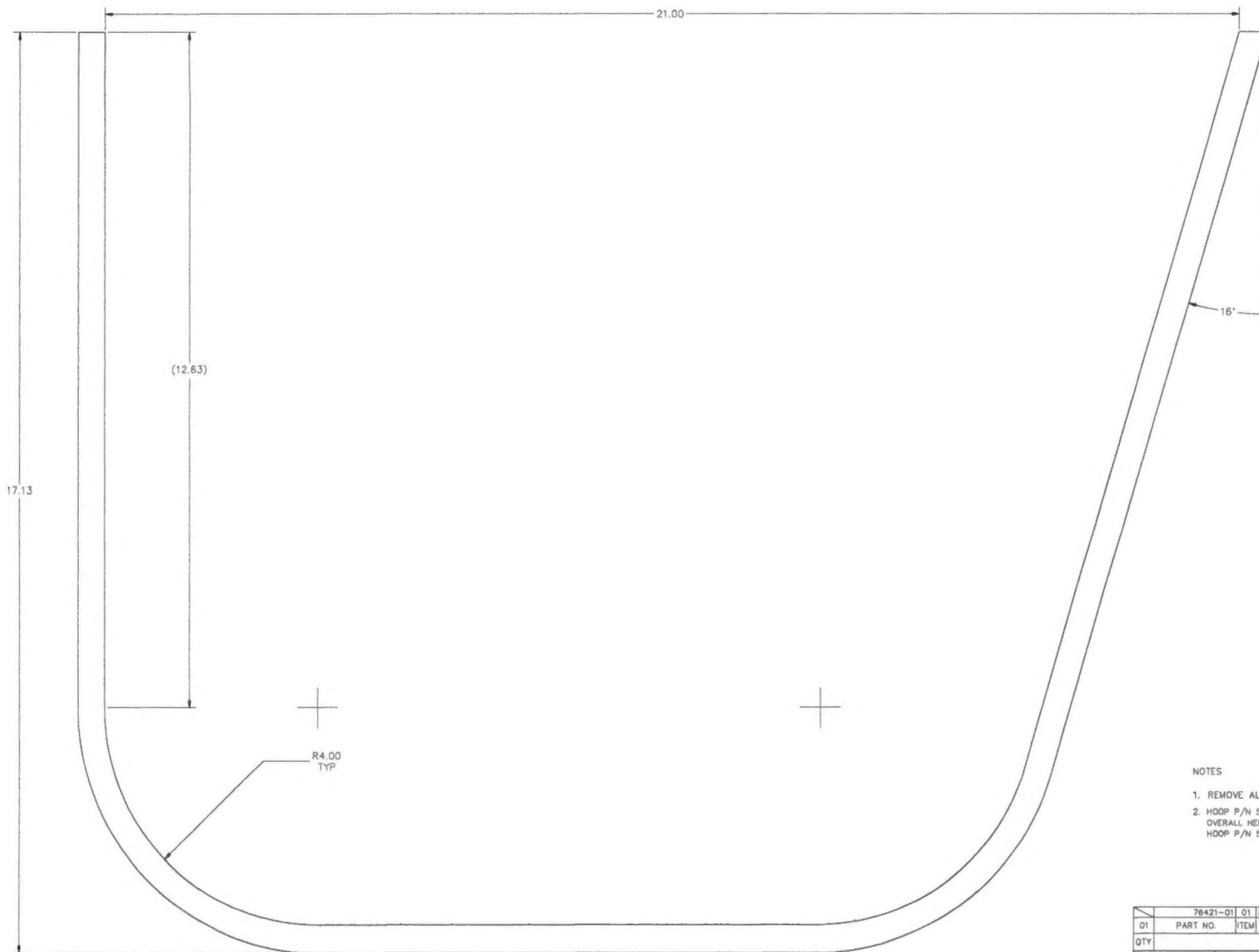
DETAIL C
SCALE 1 : 1
LOOKING AT PLACARD BRACKET



1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. DRILL 3/32 VENT HOLE IN HOOP FOR VENTING OF WELD GASES.
3. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS2685C. WELDING ROD SHALL CONFORM TO AMS E70S-2 OR EQUIVALENT.
4. MILL SLOT INTO ITEM 1" TUBE AS SHOWN. CONTROL END OF 1/2" TUBE TO MINIMIZE GAP BETWEEN 1" TUBE AND ITEM 1/2" TUBE.
5. ADJUST SLOT OF CAP (78423-04) TO FIT AS REQUIRED.

APPROVALS DRANK: R. RATHWELL CHECKED: E. BURCON		DATE 24 JAN 08	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:			
DECIMALS x.xxx ±0.010 x.xx ±0.03 x.x ±0.1		ANGLES ±1/2°	
SCALE 1 : 1 SHEET 1 OF 1		DESG. TYLE DESG. NO. A1 76423	
		REV. 2	

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE	RR	24 JAN 08



- NOTES
1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
 2. HOOP P/N 50510-01 IS USED AS A DIRECT REPLACEMENT FOR HOOP P/N 76421-01.
OVERALL HEIGHT IS REDUCED BY 1.38 IN. THERE ARE NO OTHER CHANGES.
HOOP P/N 50510-01 IS USED ON BASKET S/N 76401-01, 76401-02, 76401-01, 77601-01, 77602-01 ONLY.

01 HOOP
SCALE 1 : 1

76421-01 01 HOOP			4130 STEEL COND. N		MIL-T-8738		0.5 X 0.035 SQR TUBE	
01	PART NO.	ITEM	DESCRIPTION		MATERIAL	MATERIAL SPEC	STOCK SIZE	
QTY			LIST OF MATERIALS					
APPROVALS			DATE					
DRAWN: R. RATHWELL			24 JAN 08					
CHECKED: E. BURGON								
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:			AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 890M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 890-8087 fax: (403) 890-8333 www.aerodesign.ca					
DECIMALS			EUROCOPTER AS350 & AS355 SERIES					
X.XXX ±0.010			QUICK RELEASE CARGO BASKET					
X.XX ±0.03			HOOP					
X.X ±0.1								
			SCALE 1 : 1		DWG. SIZE		DWG. NO.	
			SHEET 1 OF 1		A1		76421	
							REV. 0	